

My passion lies in harnessing open-source software and experimentation to push boundaries and tackle real-world challenges. I'm eager to team up with like-minded individuals on open-source initiatives. If you'd like to collaborate, or have a brilliant project concept, don't hesitate to reach out.

## Project Categories

<!-- markdownlint-disable MD051 -->

1. [Artificial Intelligence \(AI\) Projects](#)
2. [Quantum Computing and Quantum Cryptography Projects](#)
3. [Python Projects](#)
4. [Rust Projects](#)
5. [JavaScript Projects](#)
6. [General Projects](#)
7. [CSS Projects](#)
8. [Web Based Projects](#)

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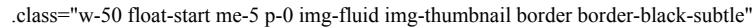
### 1. Artificial Intelligence (AI) Projects

This collection of AI projects applies machine learning and other latest techniques to solve real-world problems in areas like voice assistants, audio analysis and more.

**Àkàndé: Advanced AI Voice Assistant for All**



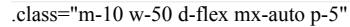


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**Àkàndé**: Discover Àkàndé, an advanced voice assistant using OpenAI's GPT for natural interactions, PDF summaries, & efficient caching for both personal and executive tasks.

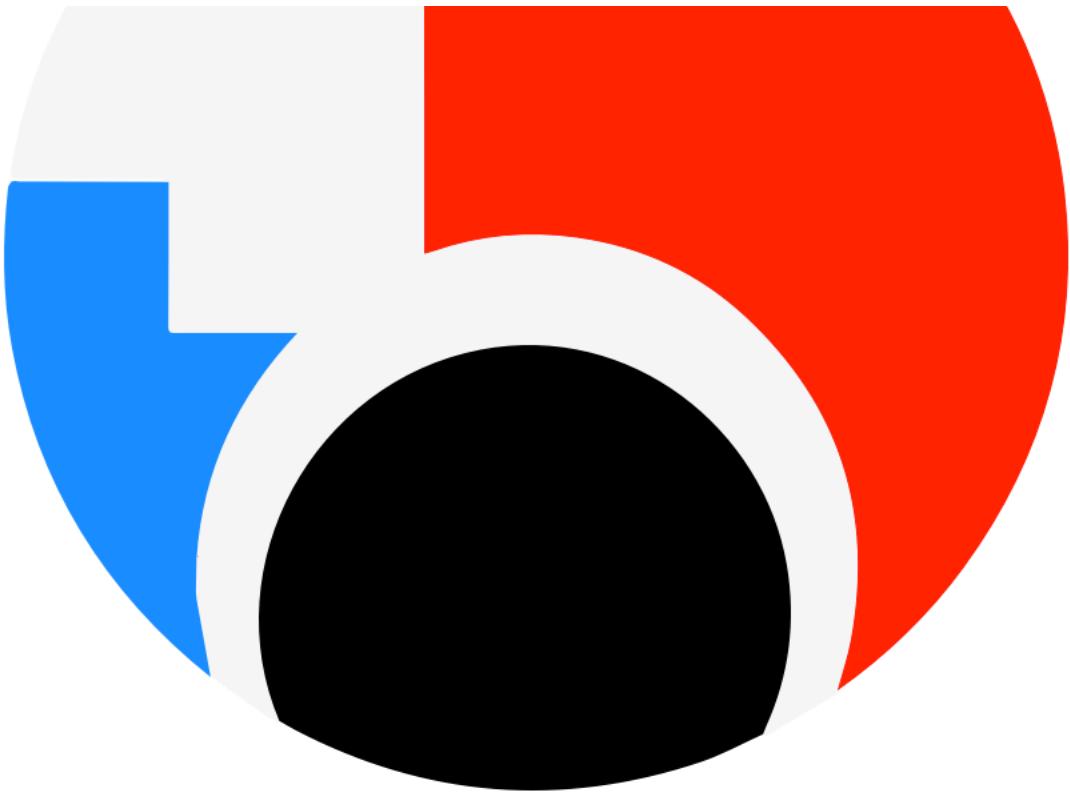
[Learn more !\[\]\(2bdfe261b986065ee0ac76460d6528c9\_img.jpg\)](#)

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**Audio Analyser**





.class="w-50 float-start me-5 p-0 img-fluid img-thumbnail border border-black-subtle"

.class="p-5 m-5 text-light bg-dark text-wrap">**Audio Analyser:** Convert audio to text accurately in real-time using our advanced AI speech recognition technology.

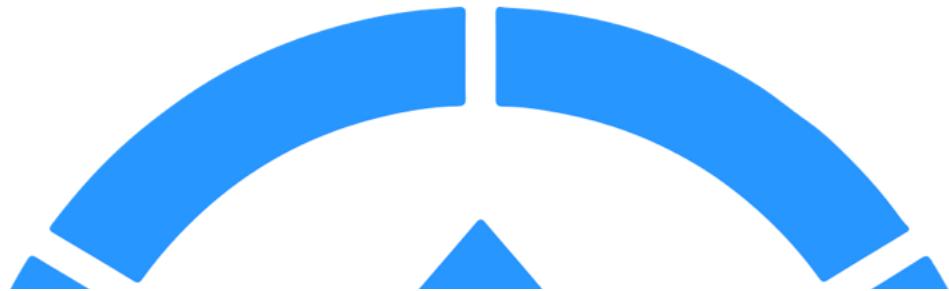
[Learn more !\[\]\(d84e7ea36f695d92cb39ec32c307ac93\_img.jpg\)](#)

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## 2. Quantum Computing and Quantum Cryptography Projects

This collection showcases a variety of open-source Quantum Computing and Quantum Cryptography projects. Covering a range of areas from cryptography to web development, each project is designed to provide innovative solutions to real-world problems and is built using the latest Rust technologies.





.class="w-50 float-start me-5 p-0 img-fluid img-thumbnail border border-black-subtle"

.class="p-5 m-5 text-light bg-dark text-wrap">**KyberLib**, a Robust Rust Library for CRYSTALS-Kyber Post-Quantum Cryptography.

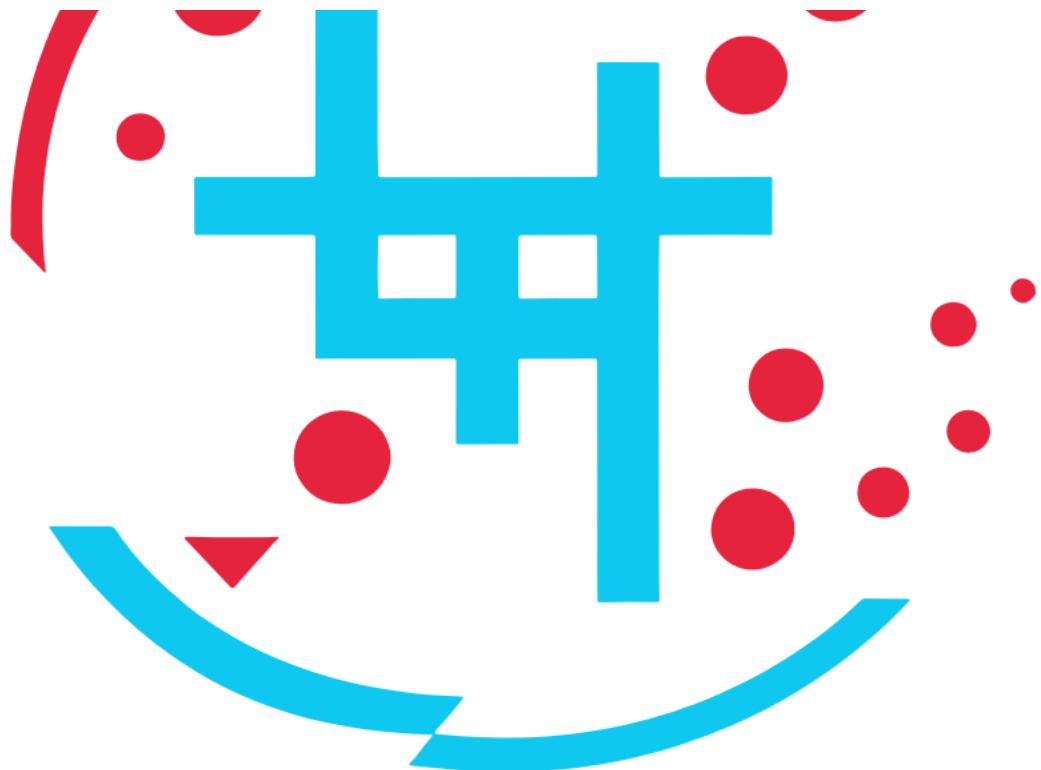
[Learn more !\[\]\(e462f608b89f421f9d905728e26f6429\_img.jpg\)](#)

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**Hash (HSH) Rust library**





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.class="p-5 m-5 text-light bg-dark text-wrap">**Hash (HSH) Rust library:** The Hash (HSH) Rust library provides an interface for implementing secure hash and digest algorithms, specifically designed for password encryption and verification.

[Learn more !\[\]\(869f8db8cb6058a4d20fc99f4521bf06\_img.jpg\)](#)

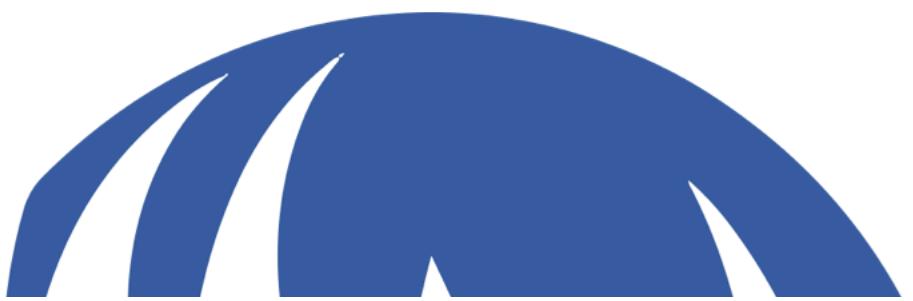
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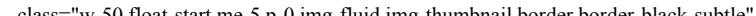
### 3. Python Projects

This collection showcases a variety of open-source Python projects that demonstrate practical applications of coding in Python. Covering a range of areas from finance to cryptography, each project is designed to provide innovative solutions to real-world problems and is built using the latest Python technologies

## **Pain001**







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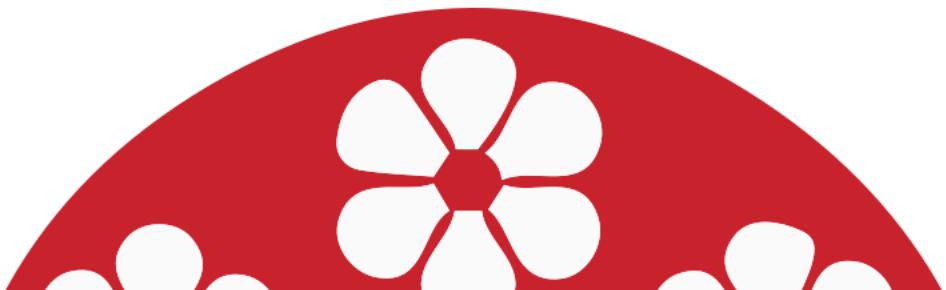
.class="p-5 m-5 text-light bg-dark text-wrap">**Pain001**: A powerful Python library for ISO 20022 compliant payment file creation from CSV or SQLite data files, simplifying payment automation and processing.

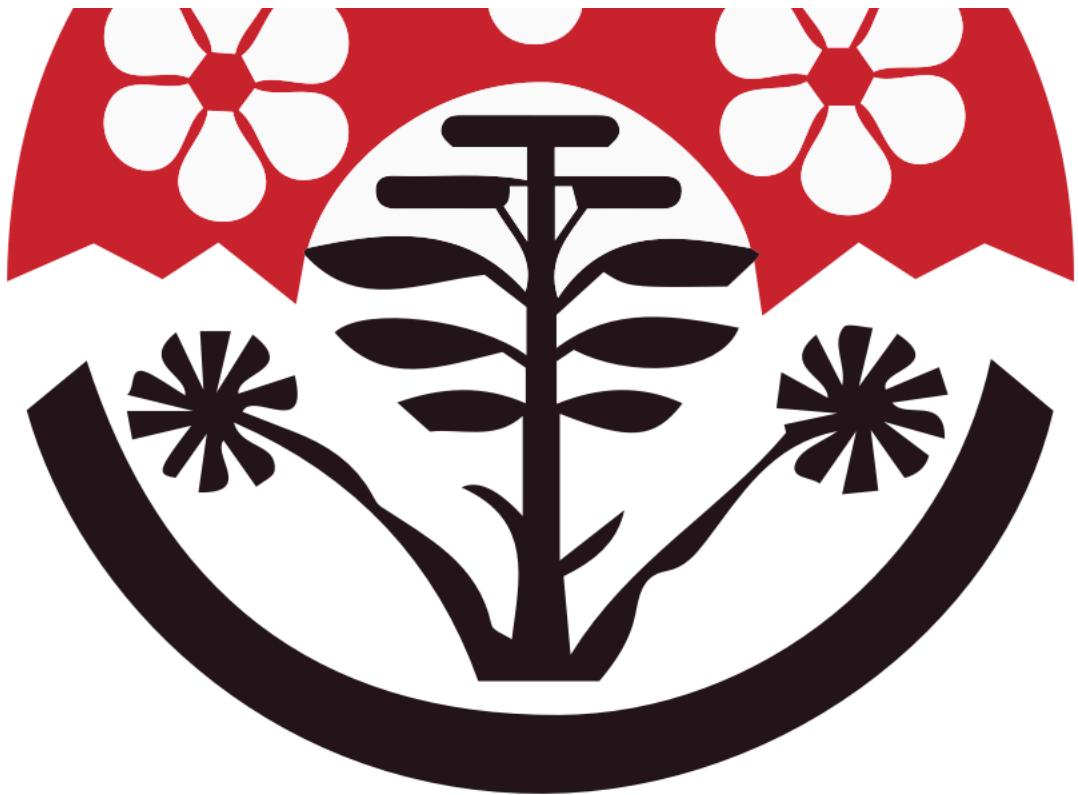
[Learn more](#) 

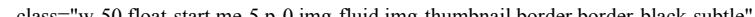
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## Bank Statement Parser







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.class="p-5 m-5 text-light bg-dark text-wrap">**Bank Statement Parser**, a specialized Python library crafted specifically for finance professionals, simplifies the intricate process of parsing bank statements.

[Learn more !\[\]\(0a023d01ac3b7c728c29528b0758e35e\_img.jpg\)](#)

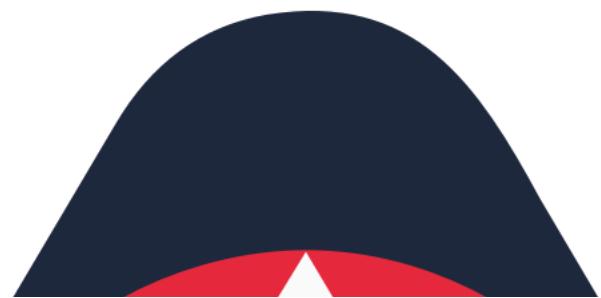
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## 4. Rust Projects

This collection showcases a variety of open-source Rust projects that demonstrate practical applications of coding in Rust. Covering a range of areas from cryptography to web development, each project is designed to provide innovative solutions to real-world problems and is built using the latest Rust technologies.

## **Serde YML: Effortless YAML Serialization in Rust**





.class="w-50 float-start me-5 p-0 img-fluid img-thumbnail border border-black-subtle"

.class="p-5 m-5 text-light bg-dark text-wrap">**Serde YML**: A robust Rust library that simplifies the serialization and deserialization of Rust data structures to and from YAML format using the widely-used Serde framework. With Serde YML, you can effortlessly convert your Rust types into YAML strings and vice versa, streamlining the process of storing, transmitting, and manipulating structured data.providing style guides for your library.

[Learn more !\[\]\(fec5063cf6bfd35f71c9c6e0238a8491\_img.jpg\)](#)

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**Shokunin Static Site Generator**

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.class="p-5 m-5 text-light bg-dark text-wrap"**Shokunin Static Site Generator (SSG)**: A blazing-fast Static Site Generator (SSG) built with Rust.  
Intended to make it simple and quick to generate websites optimised for SEO and compliant with Accessibility Standards.

[Learn more !\[\]\(9ec46ccf39110b98e9de4be0362c59b6\_img.jpg\)](#)

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**RustLogs (RLG)**





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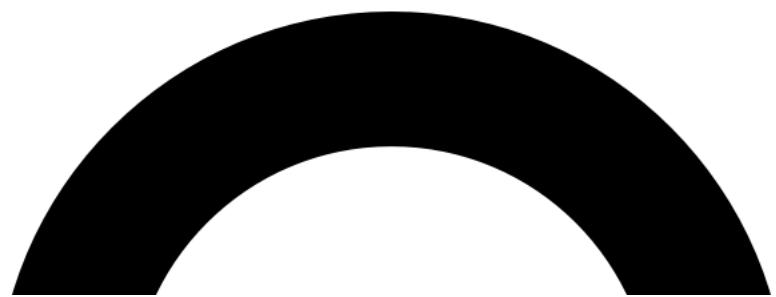
.class="p-5 m-5 text-light bg-dark text-wrap">**RustLogs (RLG): Advanced Logging Library for Rust**: Discover RustLogs (RLG), the flexible logging library for Rust with structured log formats, asynchronous logging, and extensive customization options.

[Learn more !\[\]\(144bd6ca55a232a7ce6ff9d490e451c8\_img.jpg\)](#)

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**Password Generator Pro**





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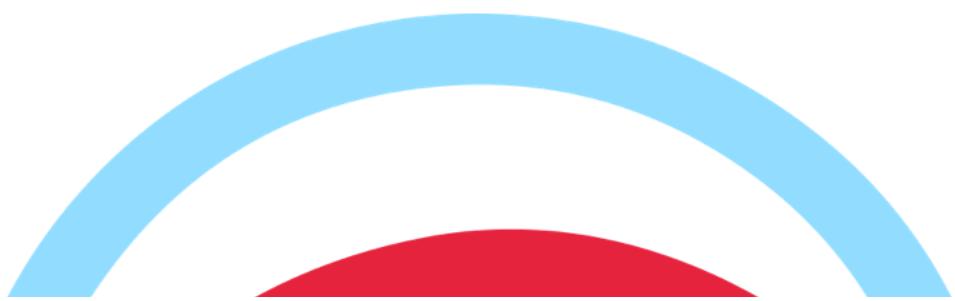
.class="p-5 m-5 text-light bg-dark text-wrap" **Password Generator Pro**: A fast, simple and powerful open-source cross platform utility tool for generating strong, unique and random passwords.

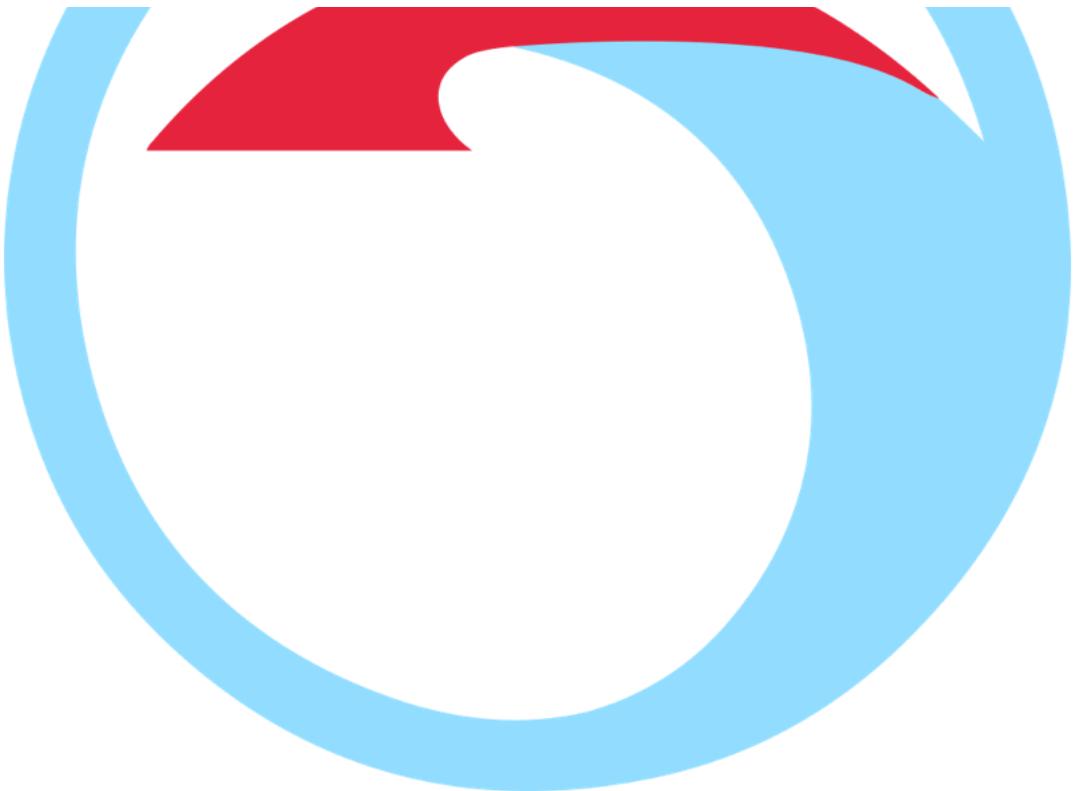
[Learn more !\[\]\(3a826c315649e5ff8d9ba7aee7a8e49e\_img.jpg\)](#)

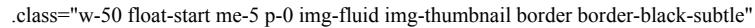
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**LibMake Rust library**





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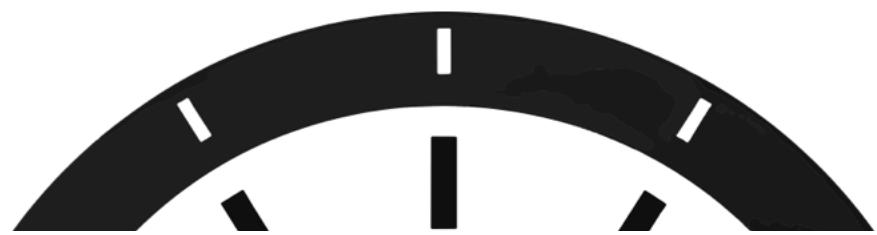
**LibMake Rust library:** LibMake is a tool designed to quickly help creating high-quality Rust libraries by generating a set of pre-filled and pre-defined templated files.

[Learn more](#) 

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## **DateTime (DTT) Rust library**







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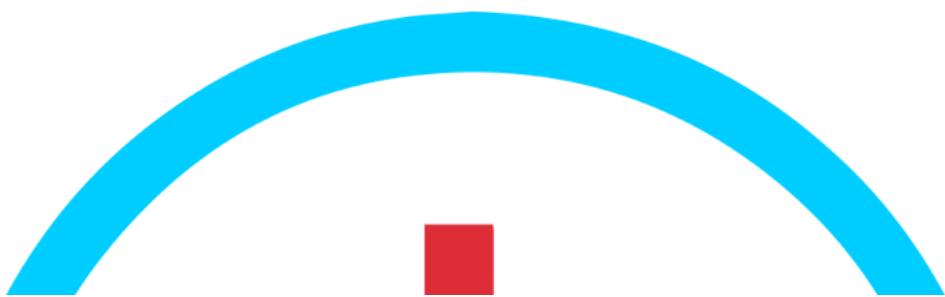
.class="p-5 m-5 text-light bg-dark text-wrap">**DateTime (DTT) Rust library**: The DateTime (DTT) library offers a range of functions and data structures that allow you to perform various date and time operations with ease, such as determining the day of the month, hour of the day, working with ISO 8601 date and time formats, and many others.

[Learn more !\[\]\(170e59302cebbfee6a99b18d0365de57\_img.jpg\)](#)

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**Random (VRD) Rust library**





.class="w-50 float-start me-5 p-0 img-fluid img-thumbnail border border-black-subtle"

.class="p-5 m-5 text-light bg-dark text-wrap">**Random (VRD) Rust library:** Random (VRD) is a Rust library for generating high-quality random numbers based on the Mersenne Twister algorithm. The Mersenne Twister is a pseudorandom number generator (PRNG) that is often used in computer simulations and games.

[Learn more !\[\]\(28b80d80f61867849e61c983ed29916a\_img.jpg\)](#)

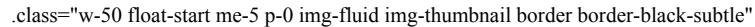
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**Common (CMN) Rust library**







**Common (CMN) Rust library:** Common (CMN) is a modern, fast, and user-friendly library that makes it easy to access a wide range of mathematical and cryptographic constants.

[Learn more](#) 

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## Mini Functions Rust library





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.class="p-5 m-5 text-light bg-dark text-wrap">**Mini Functions**: Mini Functions is a highly performant utility and wrapper functions library for Rust that has been carefully designed with optimization and efficiency in mind.

[Learn more ↗](#)

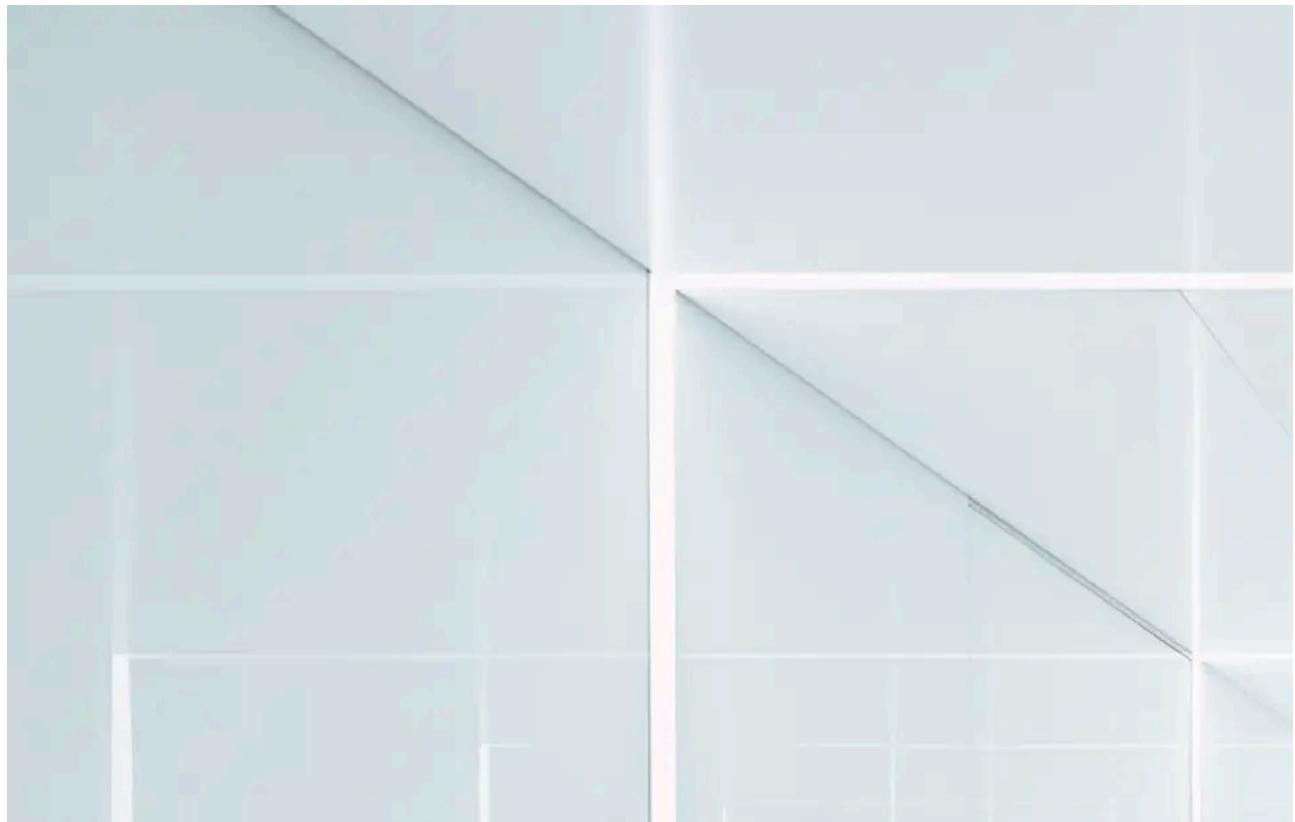
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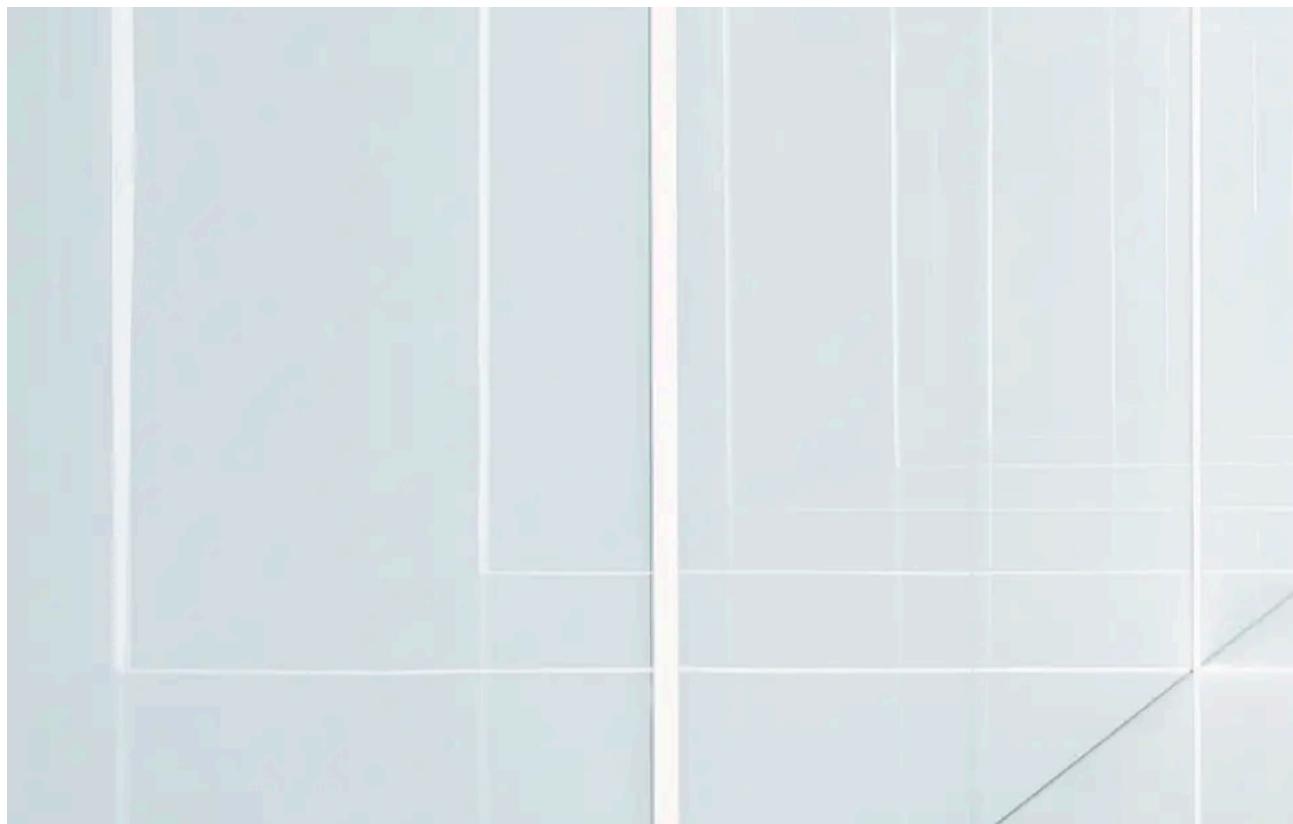
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## 5. JavaScript Projects

This collection showcases a variety of open-source JavaScript projects that demonstrate practical applications of coding in JavaScript. Covering a range of areas from cryptography to web development, each project is designed to provide innovative solutions to real-world problems and is built using the latest JavaScript technologies.

## Crypto Service Suite







.class="w-50 float-start me-5 p-0 img-fluid img-thumbnail border border-black-subtle"

.class="p-5 m-5 text-light bg-dark text-wrap" **Crypto Service Suite**: The Crypto Service Suite is a powerful and centralized cryptographic suite of security tools that solves common application crypto problems, including integration, data encryption, tokenization, transaction authorization, code-signing and key life-cycle management and other security services.

[Learn more !\[\]\(39fe6a447a07f214586d259b16ffba42\_img.jpg\)](#)

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## 6. General Projects

**Dotfiles**





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.class="p-5 m-5 text-light bg-dark text-wrap" **Dotfiles**: are a powerful set of configuration files for macOS, Linux, and Windows providing scripts and customized settings to streamline your workflow. These files are an essential tool for developers and users who want to modify their environment and applications to their exact needs.

[Learn more !\[\]\(d1cae9975209ae3ce6716116ce602459\_img.jpg\)](#)

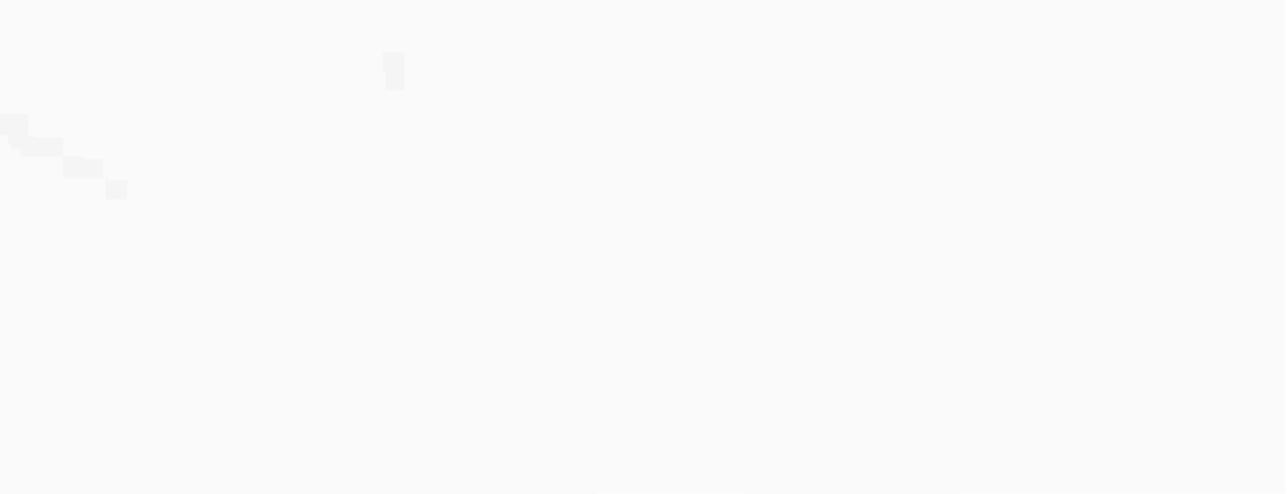
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**MacConfig (maccfg)**







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```

.class="p-5 m-5 text-light bg-dark text-wrap">**MacBook Pro M1 Software Development Setup (macOS Config)**: A guide to getting your MacBook Pro M1 ready for Software Development. You can set up and start using your new Mac in no time at all with these free resources and user guides.

[Learn more !\[\]\(6b79cd5dde3668433fb7015d4fbf34a3\_img.jpg\)](#)

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## 7. CSS Projects

**Skeletonic Stylus Library**







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.class="p-5 m-5 text-light bg-dark text-wrap" **Skeletonic Stylus Library**: a lightweight and modular Stylus Library. It contains a suite of components and mixins optimised for mobile and web application design and development.

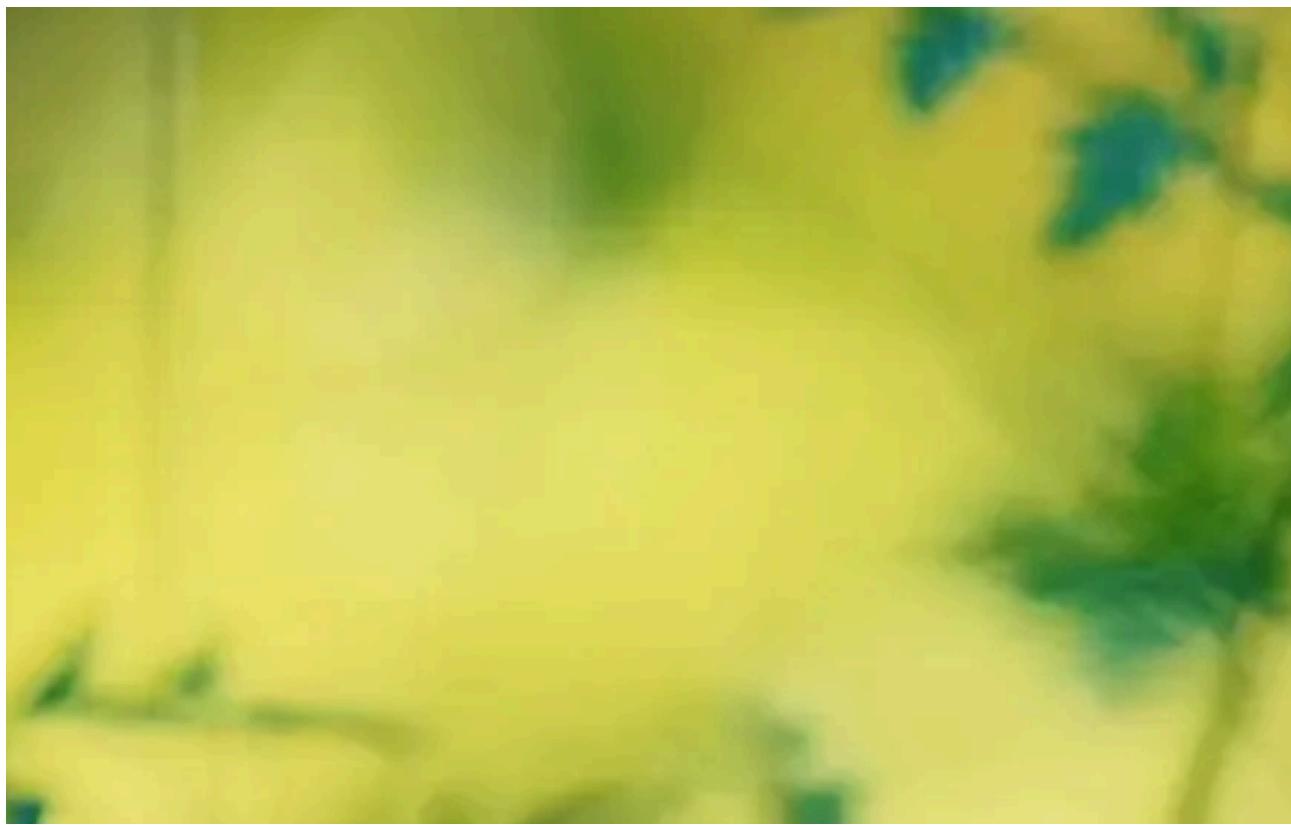
[Learn more !\[\]\(d6aad4f5f3a3490eafad821ab9ac8608\_img.jpg\)](#)

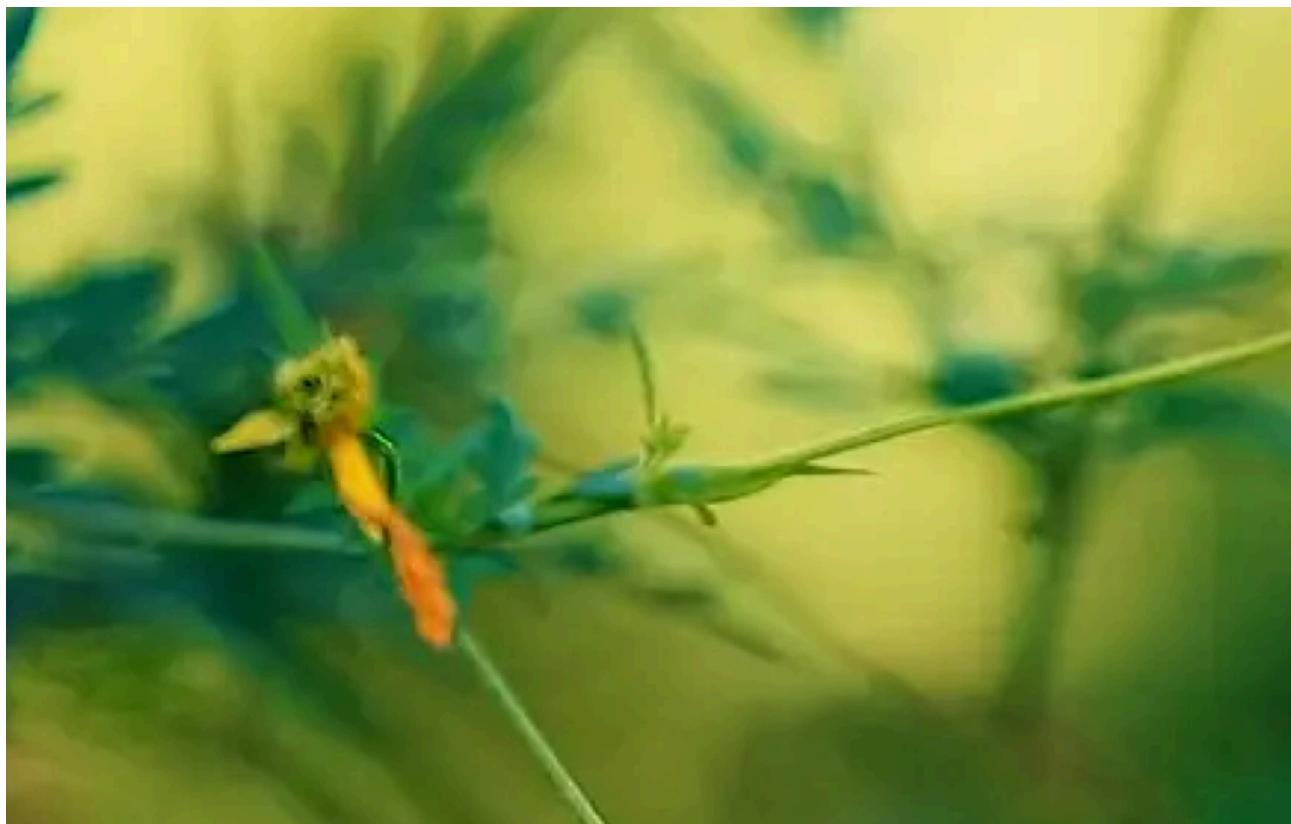
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## 8. Web Based Projects

**Kaishi, a Starter Template**







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.class="p-5 m-5 text-light bg-dark text-wrap">**Kaishi, a Starter Template for Shokunin:** Make beautiful websites with Kaishi, a Shokunin Static Site Generator starter template.

[Learn more !\[\]\(6f5149b8ab321647d4e3e58ac8c19c48\_img.jpg\)](#)

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**L90S**







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.class="p-5 m-5 text-light bg-dark text-wrap">**L90S**, A trusted finance leader with 20+ years of experience in the tech industry, guiding companies to sustainable growth, funding, and optimized financial operations.

[Learn more !\[\]\(8387fd45d40c9c68c440292d5a0a3deb\_img.jpg\)](#)

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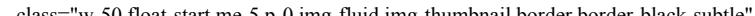
**Banking On AI**



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.class="w-50 float-start me-5 p-0 img-fluid img-thumbnail border border-black-subtle"

.class="p-5 m-5 text-light bg-dark text-wrap">**Banking On AI**, Discover how AI is transforming the banking sector with improved customer service, fraud detection, and streamlined operations for a digital age.

[Learn more !\[\]\(b4d277f4ba473acc69ba88cacc0b2f72\_img.jpg\)](#)

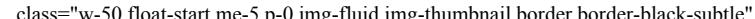
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## **Banking On Quantum**







.class="w-50 float-start me-5 p-0 img-fluid img-thumbnail border border-black-subtle"

.class="p-5 m-5 text-light bg-dark text-wrap">**Banking On Quantum**, Explore how quantum computing is set to revolutionise the banking and finance industry, from risk analysis to quantum cryptography and beyond.

[Learn more !\[\]\(219010b6a472470bc3b4aea51089a627\_img.jpg\)](#)

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